



# SAFE SCHOOL WALK ROUTES (SSWR) TASKFORCE ADVISORY COMMITTEE 6<sup>TH</sup> MEETING

## MEETING AGENDA

DATE: MONDAY, 5/1/2017

TIME: 6:00 – 8:00 P.M.

LOCATION: CITY HALL, CONFERENCE ROOM #107

- Call to Order/Approval of Minutes from the 5<sup>th</sup> Task Force Meeting
- Review 1<sup>st</sup> Draft of Cost Estimates for 1<sup>st</sup> Tier Sidewalk Projects
- Follow up with Taskforce on How They Presented the School Needs to Their Schools, Shared Information, and Solicited Additional Projects.
- Review of Next Meeting Agenda
- Adjournment



**Meeting Minutes**  
**SSWR Taskforce Advisory Committee 5<sup>th</sup> Meeting**

**Monday, April 17, 2017**  
**6:00 pm to 7:54 pm**

**Taskforce Members in Attendance:**

Connie Noll, Bill Brooks, Aaron Moreau-Cook, Amanda Lamer, Brian Bradish, Mark Robb, Brandi Doyle, Corbin Young, Sterling Cassel, Susan Schilling, Amy Loomis

**City Facilitators in Attendance:**

Rita Hu, Jamal Mahmoud, Steve Morikawa, Jason Torrie

**City Note Taker:**

Virginia Samuelson

**Agenda Item #1 – Call to Order/Approval of Minutes:**

Meeting was called to order. Revised minutes for the March 20, 2017 Meeting #3 and minutes for the April 3, 2017 Meeting #4 were reviewed and approved.

**Agenda Item #2 – Review of 2<sup>nd</sup> Draft of Sidewalk Prioritization (Scenarios A & B) – Rita Hu**

This meeting's goal is to adopt prioritization criteria so that the City can proceed with cost analysis on sidewalk projects. Rita plans to have 80% of cost analysis ready by the May 1, 2017 Meeting based on the criteria adopted in the April 17, 2017 Meeting. Changes have been made based on criteria suggestion from April 3, 2017 Meeting. Pedestrian function was added to the classes. Trunk and Branch lines were identified. Points were added based on distance from the schools at 1/8, 1/4, 1/2 and 1 mile intervals. Collision data from Washington State Department of Transportation and Bothell Police Department was used based on distance from project location at 1/8, 1/4 and 1/2 mile, this may change and more data is reviewed. The City should know about the availability of grant money for three proposed projects by the end of May.

The spreadsheets for Scenario A and Scenario B show the top project for each school highlighted in gray and the second top ranked project for six schools is highlighted in yellow. Two schools only had one project submitted for sidewalks. The criteria create very little difference between the scenarios. Lower tier projects will stay on the list to be done at a later time.

A review of representatives opinion on the prioritization resulting from criteria used:

- Shelton View – The Shelton View prioritization is not in the order the school would prefer. Their highest priority is SVE-01 (third on the City ranking) due to that being the primary access to the school. The shoulders are frequently used for parking and walkers are endangered by school bus and parent traffic during peak hours. SVE-03a (first on the City ranking) matches their desire for

second place. Also would like a walkway on Meridian Ave south from 234<sup>th</sup> to 235<sup>th</sup> PI SW. They need to submit this request.

- Crystal Springs – Both their priorities are on the list.
- Woodmore - Still wrestling with adding north of 160<sup>th</sup> on 124<sup>th</sup> to the list.
- Bothell High School/Westhill – Good
- Frank Love – Primary concern is section of 224<sup>th</sup> without a sidewalk (east of the school) due to its shoulder being used for parking. Need a crossing at 1<sup>st</sup> over 224<sup>th</sup>. This needs to be added to their list.
- Maywood Hills - Happy.
- Woodin – Happy with first priority. They question the value of the third verses the fourth priority.
- NSD Transportation – has two versions of their priority based on the availability of grants.
  - If the grants come through:
    - Frank Love – and improved walk area out of traffic on 4<sup>th</sup> Ave SW and crosswalk at 4<sup>th</sup> & 224<sup>th</sup>
    - Woodin – Complete sidewalk on the west side of 130 PI NE between NE 192<sup>nd</sup> PI and 131<sup>st</sup> Ave NE.
    - Woodmore – they have three – (1) 119<sup>th</sup> & 157<sup>th</sup> crosswalk, (2) 160<sup>th</sup> & 121<sup>st</sup> signage and timing. No right on red and a three second head start for crosswalk use, (3) 124<sup>th</sup> & 160<sup>th</sup> coordinate on intersection with Woodinville
    - Crystal Springs – Sidewalk to 208<sup>th</sup>
  - If the grants do not come through:
    - Sidewalk on NE 188<sup>th</sup> St between 92<sup>nd</sup> Ave NE and Pop Keeney
    - 19<sup>th</sup> Ave SE between 228<sup>th</sup> St SE and 232<sup>nd</sup> St SE

Motion to adopt Scenario B with options to make adjustments at Frank Love and Shelton View was passed unanimously.

### **Agenda Item #3 – Review 1<sup>st</sup> Draft of Crosswalk/Pedestrian Safety Needs – Jamal Mahmoud**

Jamal took the suggestions and provided a summary spreadsheet. A number of suggestions need clarification. Jamal will meet with school representatives in the next week. Projects with a score of 75 or above warrant an RRFB. Projects between 55 and 74 warrant signage. If the project scores less than 55 no crosswalk is recommended. These ratings are fluid and will change as road conditions change. Some sidewalk projects may make a crosswalk warranted in area that currently cannot support one.

There will be a ceremony with the Mayor installing crosswalk flags at 4<sup>th</sup> Ave W and 224 St SW on May 22, 2017 at 10 am. Task force members are invited to attend. The City will provide and install flags and a stainless steel bucket at crosswalks that have a volunteer to monitor the flags and arrange to get replacement flags from the City, as needed. Jamal is reluctant to place flags at controlled intersections but is persuaded that it may sometimes be necessary. Flags for controlled intersections can be evaluated on a case by case basis.

Acronyms: RRFB = Rectangular Rapid Flashing Beacon  
SSAYG = School Speed Assembly Yellow Green Sign

Jamal will place signage requests and crosswalk requests into separate spreadsheets. The City will evaluate all signage projects and do all that are warranted. Jamal will provide an update for the next meeting. He will be on vacation 5/1/17 thru 5/15/17.

**Agenda Item #4 – Review of Private Development related concerns and questions – Steve Morikawa**

The City Engineer and Development Review will meet with Northshore School District on private developments and make sure they are working together. It is a Washington State requirement that developments include a safe walk to school. The City must hold the developer to the requirements, but the weight on the developer must be proportionate. We can require frontage development but a developer putting in a couple of homes cannot afford to install another mile of sidewalk beyond their development. Large developments can be asked for more sidewalk than a small development. The City asks that the Task Force identify everything that the schools need. The City will work on how much the needed projects will cost and how to get them paid for. Please include project that extend outside the City limits. The City will talk to and try to coordinate with other jurisdictions.

**Agenda Item #5 – Communication with School Communities**

A reminder that all projects must be in by May 1, 2017. There are very few enforcement requests for the Police presence. Please provide more enforcement requests.

The Task Force members report good communication with their stakeholders. Shelton View PTA wanted a survey monkey to provide project suggestions but the projects are all in. Shelton View will be communicating with parents in the next PTA newsletter.

**Review of next meeting agenda**

Meeting agenda approved.

**Adjournment:**

Meeting adjourned at 7:54 PM



# SAFE SCHOOL WALK ROUTES (SSWR) TASKFORCE ADVISORY COMMITTEE 7<sup>TH</sup> MEETING

## MEETING AGENDA

DATE: MONDAY, 5/22/2017

TIME: 6:00 – 8:00 P.M.

LOCATION: CITY HALL, CONFERENCE ROOM #107

- Call to Order/Approval of Minutes from the 6<sup>th</sup> Task Force Meeting
- Review & Discussion of Draft SSWR Sidewalk Project List
- Review & Discussion of Draft Type B & D (Crosswalks/Signage/Traffic Calming Device...) Project List
- Review & Discussion of Draft Type C (Repair & Maintenance) Project List
- Review & Discussion of Safety Enforcement Needs
- Review of Final Meeting Agenda
- Adjournment



# **Safe Street Walk Routes (SSWR)**

## **1<sup>st</sup> Tier Sidewalk Projects**

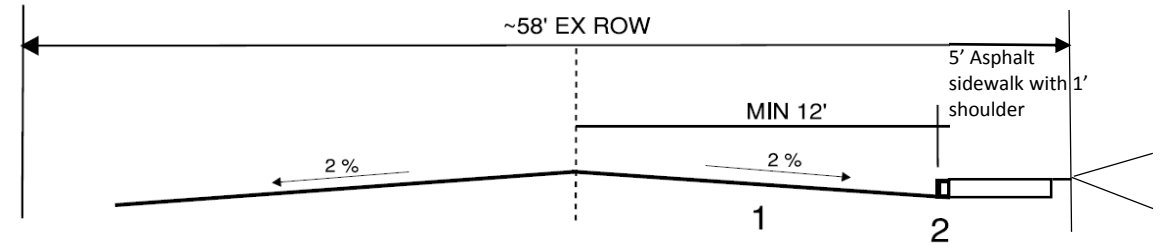
# SSWR Tier 1 Sidewalk Project List

Name of School	Project ID#	Project Description	Project Location	Project Score	Project Tier
1. Frank Love Elementary	FLE-01a, b	Missing curb ramps at the intersection of 4th Ave W and 224th St SW Missing sidewalk along 224th St SW	Intersection of 4th Ave W and 224th St SW North Side of 224th St SW between Meridian Ave S and existing sidewalk	77	1
2. Westhill Elementary	WHE-01	Missing sidewalk /walkway along 7th Ave SE/88th Ave NE between 240th St SE and Westhill Elementary School	7th Ave SE/88th Ave NE between 240th St SE and Westhill Elementary School	77	1
3. Canyon Park Jr. High	CPJH-01	Missing sidewalk and pedestrian crossings along 19th Ave SE, 232nd St SE, and 23rd Ave SE	19th Ave SE/ 232nd St SE/ 23rd Ave SE	76	1
Crystal Springs Elementary	CSE-02	Missing sidewalk along 9th Ave SE between Crystal Springs Elementary and SR524.	9th Ave SE between Crystal Springs and 208th St SE	75	1
4. Maywood Hills Elementary	MHE-01 MHE-04	Missing ramps at the crosswalk (near NE 195 St) on 104th Ave NE directly in front of Maywood Hills Elementary Relocation of an utility pole in sidewalk	104 Ave NE @ NE 195th St 104th Ave NE @ NE 195th St	75	1
5. Bothell High	BH-02	Missing sidewalk, no walkable shoulders along NE 188th St between 92nd Ave and Pop Keeney Stadium	NE 188th St between 92nd Ave and Pop Keeney Stadium	67	1
6. Woodin Elementary	Woodin-01a	Missing Sidewalk segments on 130 PL NE south of NE 192nd PL	130th PL NE south of NE 192nd PL	67	1
7. Shelton View Elementary	SVE-01	No sidewalk along 5th Ave W between 240th St SW and Shelton View Elementary to prevent cars from encroaching on walkway	5th Ave between Shelton View and 240th St SW	55	4
7a. Shelton View Elementary	SVE-05	Missing sidewalk along Meridian Ave S between 240th St SE and 234th Pl SW	234th St Pl SW between Shelton View and Meridian Ave S	62	1
7b. Shelton View Elementary	SVE-3a	Missing walkway along 234th Pl SW	234th St Pl SW between Shelton View and Meridian Ave S	61	2
8. Canyon Creek Elementary	CCE-02	Missing a sidewalk on the SE corner of the intersection of 35th and 212th to allow a safe place for the crossing guards to stand, and so the walkers have a safe place to walk.	212th St SE (east of 35th Ave SE/212th St SE intersection) Outside City Limits		1
9. Woodmoor Elementary	Woodmoor-04	Missing a sidewalk segment along 124th Ave NE between NE 165th St and NE 169th St	124th Ave NE between North of NE 165th St to NE 169th St (west side)		1

# FLE-01a,b: 224<sup>th</sup> St SW – Missing Sidewalk/ADA Ramps



-  Missing Sidewalk
-  Existing Sidewalk
-  Missing ADA Ramp(s)
-  School



Proposed Cross-Section

## Proposed Improvements -

**Option 1: 5' asphalt sidewalk, extruded curb, ADA ramps ( Project Cost: \$120,000)**

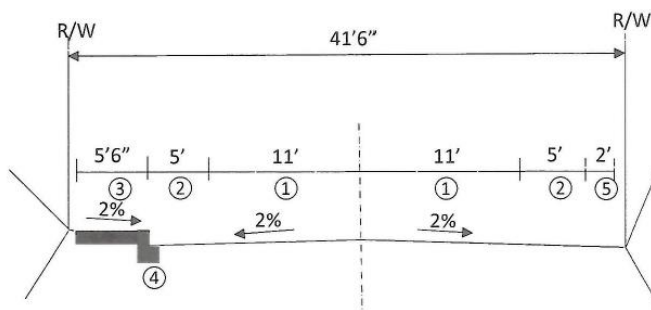
**Option 2: 5' concrete sidewalk, curb & gutter, storm drainage, ADA ramps (Project Cost: \$280,000)**



# WHE-01: 7<sup>th</sup> Ave SE/88<sup>th</sup> Ave NE – Missing Sidewalks/Crossings

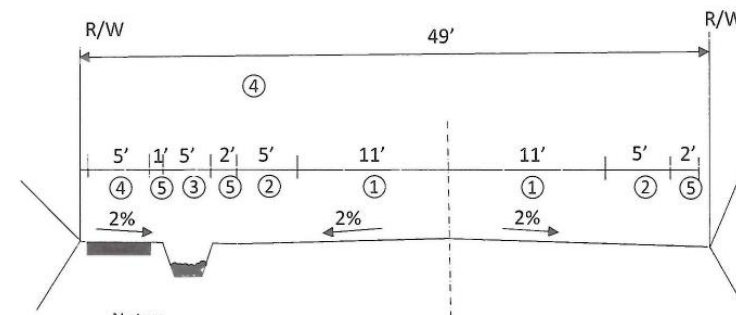


- Missing Sidewalk
- Existing Sidewalk
- ★ School



- Notes:
- ① Travel Lane
  - ② Bike Lane
  - ③ Concrete Sidewalk
  - ④ Curb & Gutter
  - ⑤ Gravel Shoulder

Cross-Section (a)



- Notes:
- ① Travel Lane
  - ② Bike Lane
  - ③ Bio-swale
  - ④ Concrete Sidewalk
  - ⑤ Gravel Shoulder

Cross-Section (b)

## Proposed Improvements -

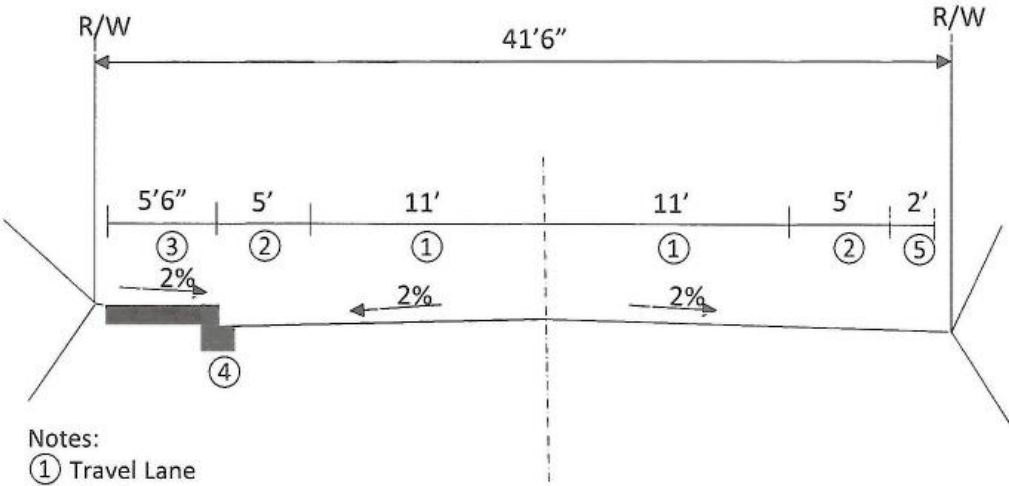
5' concrete sidewalk, curb & gutter, storm drain/swale, 5' bike lanes, RRFBs, ADA ramps

Project Cost: \$1,017,000 (Requested Grant: \$610,200; City Match: \$406,800)

# CPJH-01: 19<sup>th</sup> Ave SE/232<sup>nd</sup> St SE/23<sup>rd</sup> Ave SE – Missing Sidewalks/Crossings



- Missing Sidewalk
- Existing Sidewalk
- School



- Notes:
- ① Travel Lane
  - ② Bike Lane
  - ③ Concrete Sidewalk
  - ④ Curb & Gutter
  - ⑤ Gravel Shoulder

Proposed Cross-Section

## Proposed Improvements -

5' concrete sidewalk, curb & gutter, storm drain, 5' bike lanes, RRPBs, ADA ramps




Project Cost: \$1,248,000 (Requested Grant: \$748,800; City Match: \$499,200)



# CSE-01: 9<sup>th</sup> Ave SE – Missing Sidewalk/Curb & Gutter/ ADA Ramps



Looking towards SR 524 (North)

-  Missing Sidewalk
-  Existing Sidewalk
-  School

## Proposed Improvements -

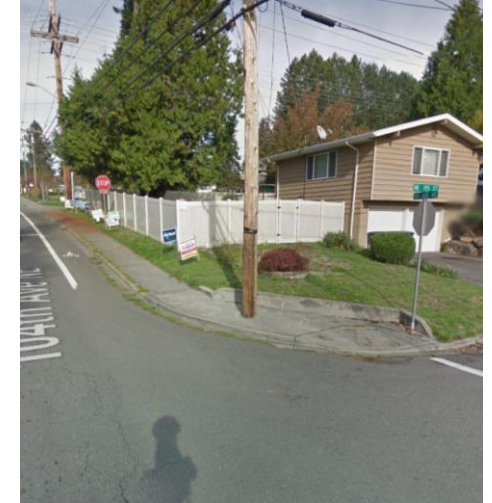
**5' concrete sidewalk, curb & gutter, storm drain, 5' bike lanes, RRFBs, ADA ramps (Project Cost: \$1,365,000)**



# MHE-01, 04: Near NE 195<sup>th</sup> St on 104<sup>th</sup> Ave NE – Missing ADA Ramps and Utility Pole Relocation



104<sup>th</sup> Ave NE



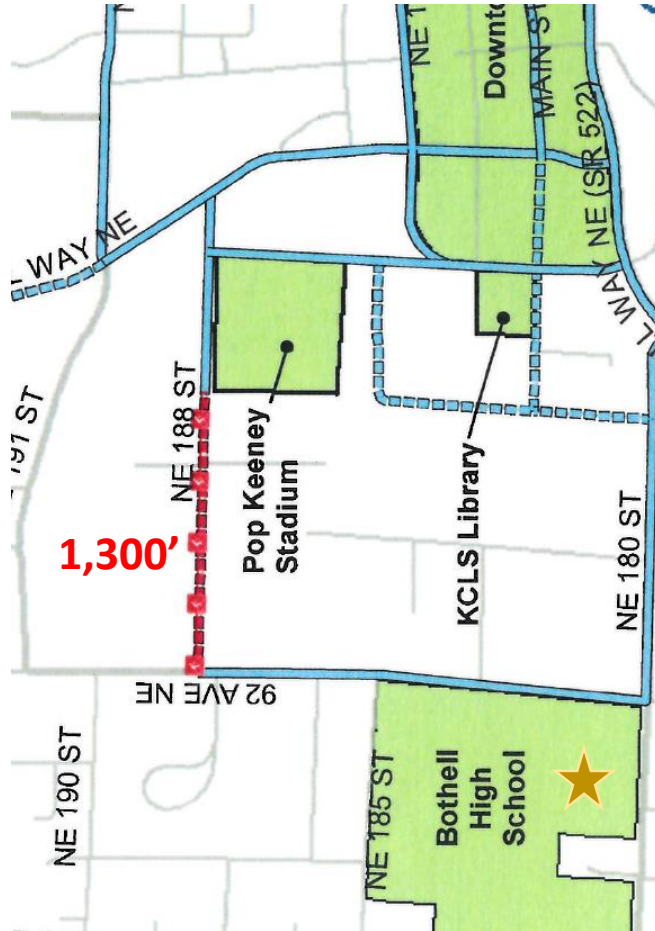
104<sup>th</sup> Ave NE/NE 195<sup>th</sup> St

- Pole Relocation
- X Missing ADA Ramp(s)
- ★ School

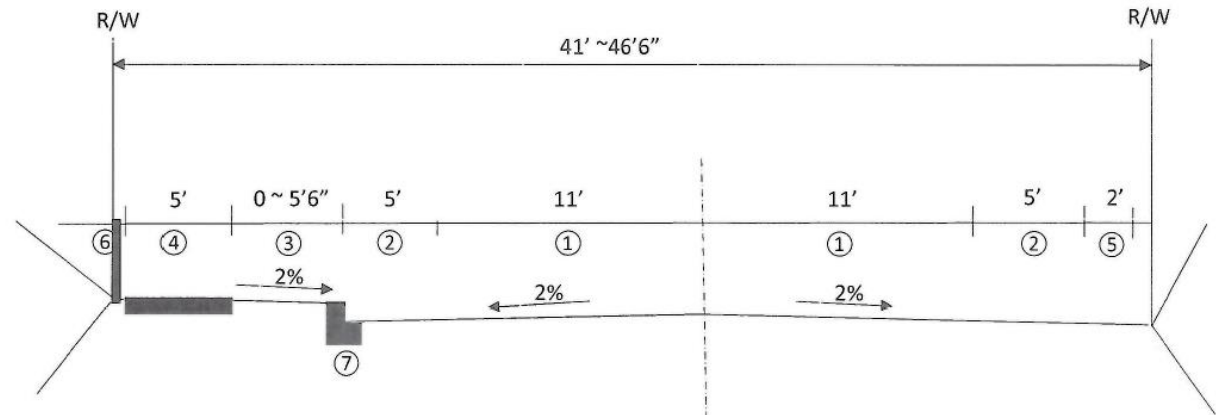
## Proposed Improvements -

**2 ADA Ramps and Pole Relocation ( Project Cost: \$48,000)**

## BH-02: NE 188<sup>th</sup> St – Missing Sidewalk/ADA Ramps



- Missing Sidewalk
- Existing Sidewalk
- ★ School



- Notes:
- ① Travel Lane
  - ② Bike Lane
  - ③ Planter Strip
  - ④ Concrete Sidewalk
  - ⑤ Gravel Shoulder
  - ⑥ Pedestrian Railing (Only for a specific location - Approx. 300 LF)
  - ⑦ Curb & Gutter

Proposed Cross-Section

### Proposed Improvements -

5' concrete sidewalk, planter, curb & gutter, storm drain, 5' bike lanes, ADA ramps




Project Cost: \$1,121,000 (Requested Grant: \$672,000; City Match: \$449,000)



# Woodin-01a: 130 PL NE – Missing Sidewalk



Looking towards North

-  Missing Sidewalk
-  Existing Sidewalk
-  School

## Proposed Improvements -

5' sidewalk, curb & gutter, drainage, ADA ramps ( Project Cost: \$240,000)



## CCE-02: 212<sup>th</sup> St SE – Missing Sidewalk/Curb Ramp at SE Corner



Missing Sidewalk



Missing ADA Ramp(s)



Looking towards East



### Proposed Improvements -

5' sidewalk, curb & gutter, drainage, ADA ramps ( Project Cost: \$100,000)



# Woodmoor-04: 124 Ave NE – Missing Sidewalk



-  Missing Sidewalk
-  Existing Sidewalk



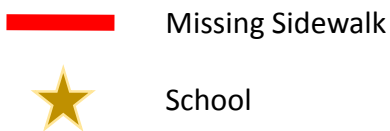
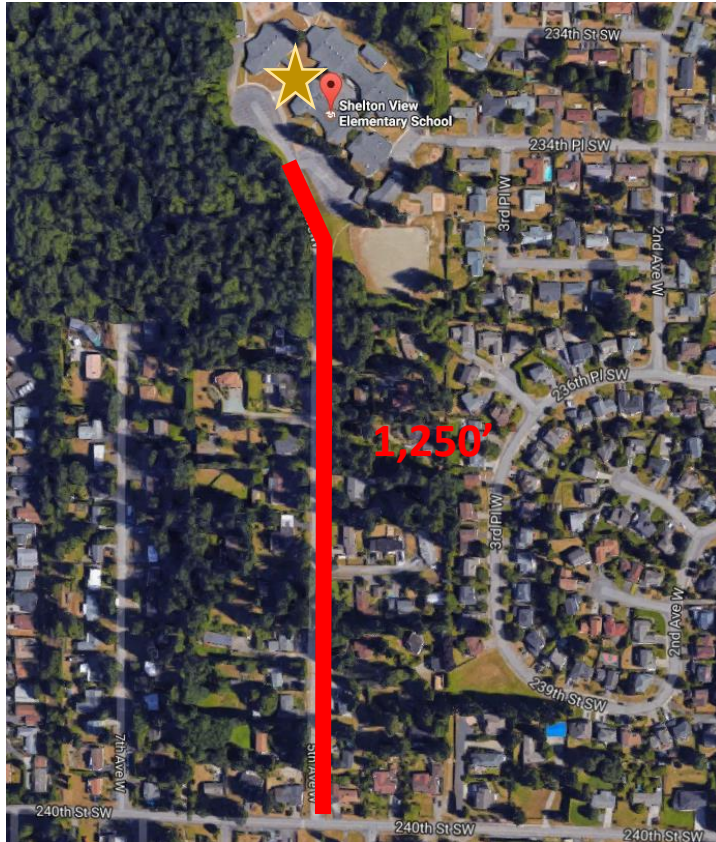
Looking towards North

## Proposed Improvements -

5' sidewalk, curb & gutter, drainage, ADA ramps ( Project Cost: \$230,000)



# SVE-01: 5<sup>th</sup> Ave W – Missing Sidewalk/Safe Walkway



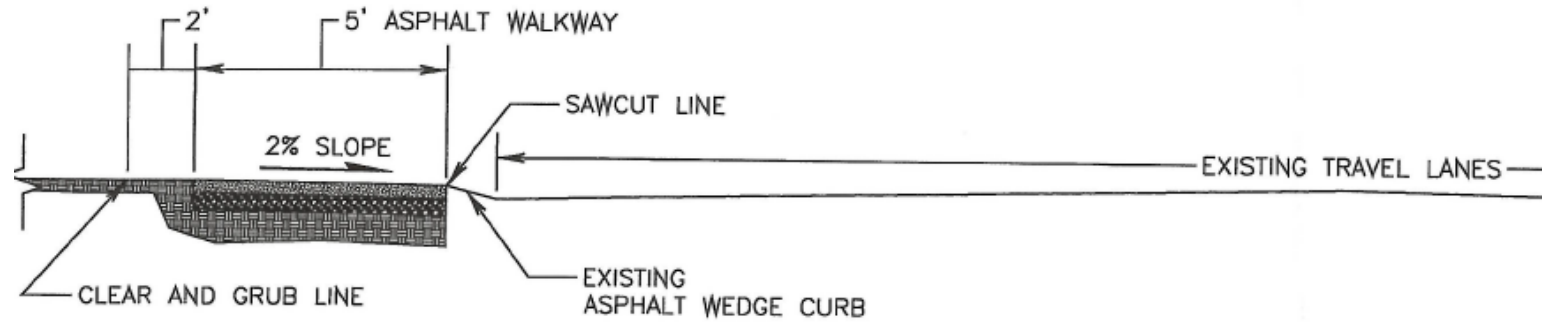
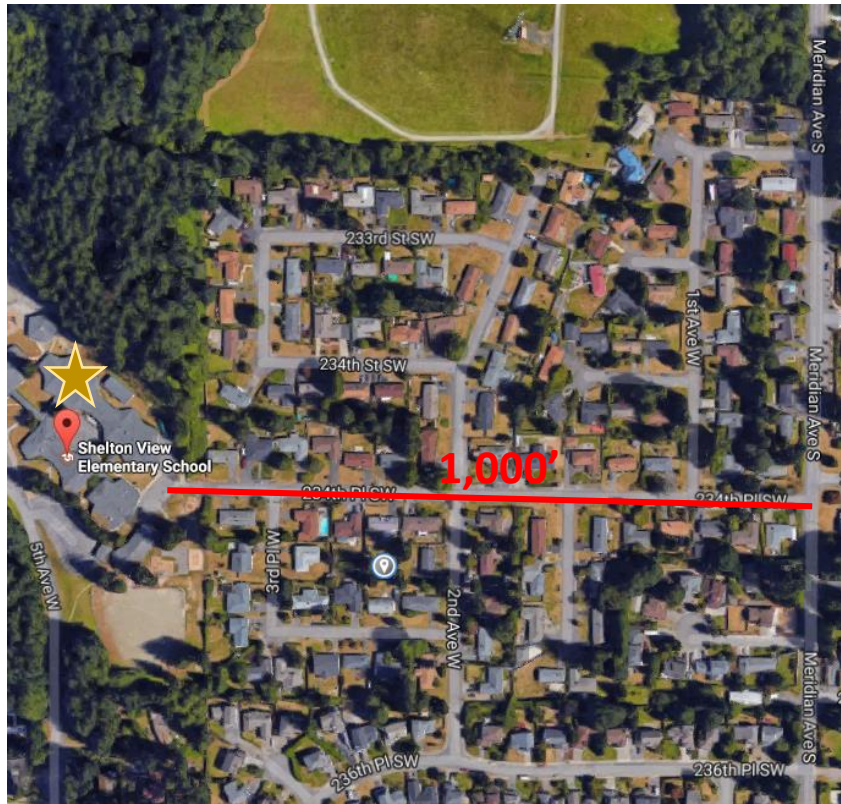
Looking towards Shelton View Elementary (North)

## Proposed Improvements -

**Option 1: 5' asphalt sidewalk, extruded curb, ADA asphalt ramps, reflective pavement markings, street lights ( Project Cost: \$250,000)**

**Option 2: 5' concrete sidewalk, curb & gutter, storm drainage, ADA ramps (Project Cost: \$550,000)**



## SVE-03a: 234<sup>th</sup> PL SW – Missing Sidewalk/Safe Walkway



Proposed Cross-Section

### Proposed Improvements -

**Option 1: 5' asphalt walkway, asphalt wedge curb, ADA asphalt ramps, no parking signs ( Project Cost: \$180,000)**

-  Missing Sidewalk
-  School



# SSWR Tier 1 Sidewalk Project Costs

Name of School	Project ID#	Project Description	Project Location	Project Score	Alternate 1		Alternate 2	
					Proposed Improvement	Engineer's Estimate	Proposed Improvement	Engineer's Estimate
Frank Love Elementary	FLE-01a, b	Missing curb ramps at the intersection of 4th Ave W and 224th St SW Missing sidewalk along 224th St SW	Intersection of 4th Ave W and 224th St SW North Side of 224th St SW between Meridian Ave S and existing sidewalk	77	5' raised asphalt sidewalk, extruded curb, ADA ramps	\$120,000.00	5' concrete sidewalk, curb & gutter, storm drainage, ADA ramps	\$280,000.00
Westhill Elementary	WHE-01	Missing sidewalk /walkway along 7th Ave SE/88th Ave NE between 240th St SE and Westhill Elementary School	7th Ave SE/88th Ave NE between 240th St SE and Westhill Elementary School	77	5' concrete sidewalk, curb & gutter, storm drain/swale, 5' bike lanes, RRFBs, ADA ramps	\$1,017,000.00	Same as Alternate 1	\$1,017,000.00
Canyon Park Jr. High	CPJH-01	Missing sidewalk and pedestrian crossings along 19th Ave SE, 232nd St SE, and 23rd Ave SE	19th Ave SE/ 232nd St SE/ 23rd Ave SE	76	5' concrete sidewalk, curb & gutter, storm drain, 5' bike lanes, RRPBs, ADA ramps	\$1,248,000.00	Same as Alternate 1	\$1,248,000.00
Crystal Springs Elementary	CSE-02	Missing sidewalk along 9th Ave SE between Crystal Springs Elementary and SR524.	9th Ave SE between Crystal Springs and 208th St SE	75	5' concrete sidewalk, curb & gutter, storm drain, 5' bike lanes, RRPBs, ADA ramps	\$1,365,000.00	Same as Alternate 1	\$1,365,000.00
Maywood Hills Elementary	MHE-01 MHE-04	Missing ramps at the crosswalk (near NE 195 St) on 104th Ave NE directly in front of Maywood Hills Elementary Relocation of an utility pole in sidewalk	104 Ave NE @ NE 195th St 104th Ave NE @ NE 195th St	75	2 ADA Ramps and Pole Relocation	\$48,000.00	Same as Alternate 1	\$48,000.00
Bothell High	BH-02	Missing sidewalk, no walkable shoulders along NE 188th St between 92nd Ave and Pop Keeney Stadium	NE 188th St between 92nd Ave and Pop Keeney Stadium	67	5' concrete sidewalk, planter, curb & gutter, storm drain, 5' bike lanes, ADA ramps	\$1,121,000.00	Same as Alternate 1	\$1,121,000.00
Woodin Elementary	Woodin-01a	Missing Sidewalk segments on 130 PL NE south of NE 192nd PL	130th PL NE south of NE 192nd PL	67	5' sidewalk, curb & gutter, drainage, ADA ramps	\$240,000.00	Same as Alternate 1	\$240,000.00
Shelton View Elementary	SVE-01	No sidewalk along 5th Ave W between 240th St SW and Shelton View Elementary to prevent cars from encroaching on walkway	5th Ave between Shelton View and 240th St SW	55	5' asphalt sidewalk, extruded curb, ADA ramps, reflective pavement markings, street lights	\$250,000.00	5' concrete sidewalk, curb & gutter, storm drainage, ADA ramps	\$550,000.00
Canyon Creek Elementary	CCE-02	Missing a sidewalk on the SE corner of the intersection of 35th and 212th to allow a safe place for the crossing guards to stand, and so the walkers have a safe place to walk.	212th St SE (east of 35th Ave SE/212th St SE intersection) Outside City Limits		5' sidewalk, curb & gutter, drainage, ADA ramps	\$100,000.00	Same as Alternate 1	\$100,000.00
Woodmoor Elementary	Woodmoor-04	Missing a sidewalk segment along 124th Ave NE between NE 165th St and NE 169th St	124th Ave NE from NE 160th St to NE 169th St - West Side of Street		5' sidewalk, curb & gutter, drainage, ADA ramps	\$230,000.00	Same as Alternate 1	\$230,000.00
Total Estimate (Tier 1)						\$5,739,000.00		\$6,199,000.00



**Total Estimate for Completing 1<sup>st</sup> Tier  
Projects: \$5.8M ~ \$6.2M**

**Potential Grants: \$2M**

**Safe Street Levy: \$2.7M (9 years)**